JC06 Rec'd PCT/PTO 29 SEP 2009

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT (Under 37 CFR 1.97(b) or 1.97(c)) Docket No. 19059											
In Re Application Of: Jose Repolles Moliner, et al. SEP 2 9 2005											
Applica	ation No.	Filing Date	Examine	Customer No.	Group Art Unit	Confirmation No.					
10/54	44,237	August 2, 2005	Unassigned	23389	Unassigned	Unassigned					
	·		Address to: Commissioner for Paten P.O. Box 1450 Alexandria, VA 22313-14								
			37 CFR 1.97(b)		•						
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			37 CFR 1.97(c)								
	2. The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:										
	☐ the :	statement specified i									
	<u> </u>		OR								
the fee set forth in 37 CFR 1.17(p).											

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10/544,237	August 2, 2005	Unassigned		23389	Unassigned	Unassigned				
Title: DISULFIDE, SULFIDE, SULFOXIDE, AND SULFONE DERIVATIVES OF CYCLIC SUGARS AND USES THEREOF										
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Registration No. 31,										
Scully, Scott, Murpl 400 Garden City Pla	-									
Garden City, New Y 516-742-4343	York 11530									

CC:

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Jose Repolles Moliner, et al.

Examiner:

Unassigned

Serial No:

10/544,237

Art Unit:

Unassigned

Filed:

August 2, 2005

Docket:

19059

For:

DISULFIDE, SULFIDE, SULFOXIDE,

Dated:

September 27, 2005

AND SULFONE DERIVATIVES OF

CYCLIC SUGARS AND USES THEREOF

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

In accordance with 37 C.F.R. §§ 1.97 and 1.98, it is requested that the following references, which are also listed on the attached Form PTO-1449, be made of record in the above-identified case.

- 1. French Patent Publication No. 2 134 698, published December 8, 1972;
- 2. Shore B. et al., "Rabbits as a Model for the Study of Hyperlipoproteinemia and Atherosclerosis", *Day CE (ed) Atherosclerosis Drug Discovery* 123-141 (1976);
- 3. De Lucchi O., "Chemoselective Reduction of Isosorbide-2,5-Dinitrate", Gazzetta Chimica Italianoa, Societa Chimica, 117(3):173-176 (1987), XP-000984806;

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner of Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

Dated: September 27, 2005

Frank S. DiGiglio

- 4. European Patent Publication No. 0 290 885, published November 17, 1988;
- 5. Kurz K.D. et al., "Rat Model of Arterial Thrombosis Induced by Ferric Chloride", *Thrombosis Research*, 60(4):269-280 (1990);
- 6. Stephan Z.F. et al., "Rapid Fluorometric Assay of LDL Receptor Activity by Dil-Labeled LDL", *Journal of Lipid Research*, 34:325-330 (1993);
- 7. European Patent Publication No. 0 530 887 A1, published March 10, 1993;
- 8. Salas E. et al., "Endothelium-Independent Relaxation by 17-α-Estradiol of Pig Coronary Arteries", European Journal of Pharmacology, 258:47-55 (1994);
- 9. Trongvanichnam K. et al., "Effects of Chronic Oral Administration of Isosorbide Dinitrate on In Vitro Contractility of Rat Arterial Smooth Muscle", *Jpn. J. Pharmacol.*, 71:167-173 (1996);
- 10. Caveda L. et al., "Inhibition of Cultured Cell Growth by Vascular Endothelial Cadherin (Cadherin-5/VE-Cadherin)", J. Clin. Invest., 98(4):886-893 (1996);
- 11. Del Maschio A. et al., "Polymorphonuclear Leukocyte Adhesion Triggers the Disorganization of Endothelial Cell-to-Cell Adherens Junctions", *The Journal of Cell Biology*, 135(2):497-510 (1996);
- 12. Furchgott R., "Bioassays with Isolated Vascular Tissue for Endothelium-Derived Relaxing Factor, Nitric Oxide and Nitric Oxide Donors", Feelisch & Stamler, eds., John Wiley & Sons, pp. 567-581 (1996);
- 13. Nallet J.P. et al., "Synthesis of a Series of Hexitol and Aminodeoxyhexitol Mononitrate Derivatives Containing a Sulfur Group and Pharmacological Evaluation on Isolated Rat Aortas", *Eur. J. Org. Chem.*, 933-943 (1998);
- 14. Hirata Y. et al., "Effect of JTV-506, a Novel Vasodilator, on Experimental Angina Model in Rats", *Journal of Cardiovascular Pharmacology*, 31(2):322-326 (1998);
- 15. Spranger T. et al., "How Different Constituents of Human Plasma and Low Density Lipoprotein Determine Plasma Oxidizability by Copper", *Chemistry and Physics of Lipids*, 91:39-52 (1998);
- 16. Feuerstein G.Z. et al., "Antithrombotic Efficacy of a Novel Murine Antihuman Factor IX Antibody in Rats", *Arterioscler Thromb Vasc Biol.*, 19:2554-2562 (1999);
- 17. Bombeli T. et al., "Endothelial Cells Undergoing Apoptosis Become Proadhesive for Nonactivated Platelets", *Blood*, 93(11):3831-3838 (1999);

- 18. Martín-Satué M. et al., "Overexpression of α(1,3)-Fucosyltransferase VII is Sufficient for the Acquisition of Lung Colonization Phenotype in Human Lung Adenocarcinoma HAL-24Luc Cells", *British Journal of Cancer*, 80(8):1169-1174 (1999);
- 19. PCT International Publication No. WO 00/20420, published April 13, 2000;
- 20. Lynch S.M. et al., "Plasma Thiols Inhibit Hemin-Dependent Oxidation of Human Low-Density Lipoprotein", *Biochimica et Biophysica Acta, 1485*:11-22 (2000);
- 21. Pedreño J. et al., "Molecular Requirements in the Recognition of Low-Density Lipoproteins (LDL) by Specific Platelet Membrane Receptors", *Thrombosis Research*, 99:51-60 (2000);
- 22. Colomé C. et al., "Small Oxidative Changes in Atherogenic LDL Concentrations Irreversibly Regulate Adhesiveness of Human Endothelial Cells: Effect of the Lazaroid U74500A", *Atherosclerosis*, 149:295-302 (2000); and
- 23. Pedreño J. et al., "Low-Density Lipoprotein (LDL) Binds to a G-Protein Coupled Receptor in Human Platelets, Evidence that the Proaggregatory Effect Induced by LDL is Modulated by Down-Regulation of Binding Sites and Desensitization of its Mediated Signaling", *Atherosclerosis*, 155:99-112 (2001).

Reference nos. 1, 3, 4, 7, 13 and 19 were cited in a Search Report dated February 3, 2005 received from the European Patent Office. Applicants are submitting copies of the above-cited references, together with a copy of the Search Report. The relevance of above-identified reference nos. 1, 3, 4, 7 and 13 has been described in the Search Report. The relevance of above-identified reference nos. 2, 5, 6, 8-12, 14-23 has been described in the specification.

Inasmuch as this Information Disclosure Statement is being submitted in accordance with the schedule set out in 37 C.F.R. § 1.97(b), no statement or fee is required.

Respectfully submitted,

Frank S. DiGiglio

Registration No.: 31,346

Scully, Scott, Murphy & Presser 400 Garden City Plaza, Suite 300 Garden City, New York 11530 (516) 742-4343

FSD:dg

Sheet 2 of 3

Form PTO-1449 (REV. 7-80) PA		U.S. DEPARTMENT OF COMMERCE D TRADEMARK OFFICE		Atty	. Docket No. (Optional)	_	Application N	Number	
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		Caveda L. et al., "Inhi (Cadherin-5/VE-Cadh					ndothelial C	adherin	
· .		Del Maschio A. et al., "Polymorphonuclear Leukocyte Adhesion Triggers the Disorganization of Endothelial Cell-to-Cell Adherens Junctions", <i>The Journal of Cell Biology</i> , 135(2):497-510 (1996)							
		Furchgott R., "Bioassays with Isolated Vascular Tissue for Endothelium-Derived Relaxing Factor, Nitric Oxide and Nitric Oxide Donors", Feelisch & Stamler, eds., John Wiley & Sons, pp. 567-581 (1996)							_
		Nallet J.P. et al., "Synthesis of a Series of Hexitol and Aminodeoxyhexitol Mononitrate Derivatives Containing a Sulfur Group and Pharmacological Evaluation on Isolated Rat Aortas", Eur. J. Org. Chem., 933-943 (1998)							Aortas",
		Hirata Y. et al., "Effect of JTV-506, a Novel Vasodilator, on Experimental Angina Model in Rats", Journal of Cardiovascular Pharmacology, 31(2):322-326 (1998)							
		Spranger T. et al., "How Different Constituents of Human Plasma and Low Density Lipoprotein Determine Plasma Oxidizability by Copper", Chemistry and Physics of Lipids, 91:39-52 (1998)							
	Feuerstein G.Z. et al., "Antithrombotic Efficacy of a Novel Murine Antihuman Factor IX Antibody in Rats", Arterioscler Thromb Vasc Biol., 19:2554-2562 (1999)								
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		2 134 698	12/8/72		France					
		0 290 885	11/17/88		EPO					
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• .	Shore B. et al., "Rabbits as a Model for the Study of Hyperlipoproteinemia and Atherosclerosis", Day CE (ed) Atherosclerosis Drug Discovery 123-141 (1976)								erosis",	
		De Lucchi O., "Chemoselective Reduction of Isosorbide-2,5-Dinitrate", Gazzetta Chimica Italianoa, Societa Chimica, 117(3):173-176 (1987), XP-000984806								
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	Trongvanichnam K. et al., "Effects of Chronic Oral Administration of Isosorbide Dinitrate on In Vitro Contractility of Rat Arterial Smooth Muscle", <i>Jpn. J. Pharmacol.</i> , 71:167-173 (1996)									
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	Pedreño J. et al., "Low-Density Lipoprotein (LDL) Binds to a G-Protein Coupled Receptor in Human Platelets, Evidence that the Proaggregatory Effect Induced by LDL is Modulated by Down-Regulation of Binding Sites and Desensitization of its Mediated Signaling", Atherosclerosis, 155:99-112 (2001)								
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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.									